

### 205.8 - Accelerator Mass Spectrometry (solution form)

This SRM is intended for the calibration of accelerator mass spectrometers used to measure beryllium isotopic ratios. It is calibrated in terms of the isotopic ratio. The SRM is contained in a Teflon™ bottle and consists of the nuclides dissolved in an aqueous solution (acidic). [Click here](#) for more information.

Technical Contact: [ronald.colle@nist.gov](mailto:ronald.colle@nist.gov)

PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

SRM	Description	Unit of Issue	Isotopic Ratio	Total Nuclide Concentration (mg . g-1)	Time of Calibration (month/year)	Volume of Solution (mL)
4325	Beryllium-10/9 Solution	2 x 25 mL	3 x 10 -11	5	08/86	2 x 25 mL